

What is claimed is:

1. A bubble generating assembly comprising:
 - a housing;
 - a container coupled to the housing and retaining bubble solution, the
 - 5 container having an interior;
 - a trigger mechanism;
 - a pair of bubble generating rings, each ring having a cylindrical configuration and a front surface, with the rings pivotably coupled to each other in a manner such that the rings can be pivoted between a closed position where the front surfaces of
 - 10 the rings contact each other, and an opened position where the rings are positioned side-by-side in the same plane;
 - a tubing that couples the interior of the container with the rings; and
 - a link assembly that couples the trigger mechanism and the rings in a manner in which actuation of the trigger mechanism causes the rings to be pivoted.
 - 15
2. The assembly of claim 1, wherein each ring has an interior chamber and an opening communicating with the interior chamber and through which the tubing extends, and a plurality of outlets on the front surface through which bubble
- 20 solution can flow out.
3. The assembly of claim 1, further including:
 - a motor operatively coupled to the trigger mechanism;
 - an air generator coupled to the motor and directing air towards the rings; and
 - a gear system coupled to the motor and applying pressure to the tubing to
 - 25 cause bubble solution to be delivered from the container to the rings device.
4. The assembly of claim 3, wherein actuation of the trigger mechanism simultaneously causes (i) the air generator to direct air towards the rings, (ii) the gear system to deliver bubble solution from the container to the rings, and (iii) the rings to
- 30 pivot.
5. The assembly of claim 1, further including means for drawing bubble solution from the container, and to deliver the bubble solution to the rings.

6. The assembly of claim 5, wherein actuation of the trigger mechanism simultaneously causes (i) the drawing means to deliver bubble solution from the container to the rings, and (ii) the rings to pivot.

5 7. The assembly of claim 5, wherein the drawing means includes the trigger mechanism, at least one rotating pressure roller and a guide wall, the pressure roller having a base section and an upper section that has a smaller diameter than the base section, with the tubing positioned between the upper section of the pressure roller and the guide wall when the trigger mechanism is not actuated,
10 and with the tubing positioned between the base section of the pressure roller and the guide wall when the trigger mechanism is actuated.

8. The assembly of claim 7, wherein actuation of the trigger mechanism pushes the pressure roller towards the guide wall such that the tubing is moved from
15 the upper section to the base section of the pressure roller.

9. The assembly of claim 1, wherein the container is removably coupled to the housing.

20 10. The assembly of claim 1, wherein the rings are positioned outside the housing.

11. The assembly of claim 3, wherein the rings and the air generator are positioned outside the housing.
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12. The assembly of claim 1, further including a dish attached to the housing and positioned below the rings, with the container being removably coupled to the dish so that droplets received on the dish can flow into the container.

13. The assembly of claim 1, wherein the trigger mechanism has a curved bar, and wherein the link system includes:

a pivoting bar that pivotally couples the rings;

a control bar coupled to the pivoting bar and the curved bar; and

5 a bias element coupled to the curved bar to normally bias the curved bar in a first direction, so that the control bar coupled to the curved bar, and the pivoting bar coupled to the control bar, are also biased in the first direction;

wherein actuation of the trigger mechanism overcomes the bias of the bias element and causes the curved bar, the control bar and the pivoting bar to move in a
10 second direction that is different from the first direction.

14. The assembly of claim 13, wherein the rings pivot about a fixed pivot axis.

15 15. A bubble generating assembly comprising:

a housing;

a container coupled to the housing and retaining bubble solution, the container having an interior;

a bubble generating device;

20 a tubing that couples the interior of the container with the bubble generating device; and

a pump system for drawing bubble solution from the container, and to deliver the bubble solution to the bubble generating device, wherein the pump system includes:

25 a trigger mechanism;

at least one rotating pressure roller having a base section and an upper section that has a smaller diameter than the base section; and

a guide wall;

30 with the tubing positioned between the upper section of the pressure roller and the guide wall when the trigger mechanism is not actuated, and with the tubing positioned between the base section of the pressure roller and the guide wall when the trigger mechanism is actuated.

16. A bubble generating assembly comprising:
a housing;
a container coupled to the housing and retaining bubble solution, the
container having an interior;
5 a bubble generating device;
a tubing that couples the interior of the container with the bubble generating
device;
a motor retained inside the housing; and
an air generator positioned outside the housing and coupled to the motor for
10 directing air towards the bubble generating device.

17. A bubble generating assembly comprising:
a housing;
a source of bubble solution;
15 a bubble generating device positioned outside the housing;
a tubing that couples the source of bubble solution to the bubble generating
device;
a motor retained inside the housing; and
an air generator positioned outside the housing and coupled to the motor for
20 directing air towards the bubble generating device.

18. The assembly of claim 17, wherein the air generator is positioned
between the bubble generating device and the housing.

25 19. A bubble generating assembly comprising:
a housing;
a source of bubble solution;
a plurality of separate bubble generating devices; and
means for delivering bubble solution from the source of bubble solution to the
30 bubble generating devices.

20. The assembly of claim 19, wherein the plurality of bubble generating
devices are positioned outside the housing.

21. A bubble generating assembly comprising:
a housing;
a source of bubble solution;
a bubble generating device;
5 means for delivering bubble solution from the source of bubble solution to the
bubble generating device;
a motor retained inside the housing;
an air generator positioned outside the housing and coupled to the motor for
directing air towards the bubble generating device; and
10 a trigger mechanism coupled to the motor and the delivering means to
simultaneously activate the air generator and deliver bubble solution to the bubble
generating device.

22. A bubble generating assembly comprising:
15 a housing;
a source of bubble solution;
a plurality of bubble generating devices;
means for delivering bubble solution from the source of bubble solution to the
bubble generating devices;
20 a motor retained inside the housing;
an air generator coupled to the motor for directing air towards the bubble
generating device; and
a trigger mechanism coupled to the motor and the delivering means to
simultaneously activate the air generator and deliver bubble solution to the bubble
25 generating devices.

23. A bubble generating assembly comprising:
a housing;
a source of bubble solution;
30 a plurality of separate bubble generating devices; and
a plurality of separate tubings, with each tubing coupling the source of bubble
solution to a corresponding bubble generating device.

24. The assembly of claim 23, further including a plurality of air generators,
with each air generator aligned with a corresponding bubble generating device.

25. The assembly of claim 24, further including a plurality of motors, with each motor operatively coupled to a corresponding air generator.

26. The assembly of claim 23, wherein the source of bubble solution is a container that contains bubble solution, the container being removably attached to the housing.

27. The assembly of claim 24, wherein the plurality of air generators are positioned outside the housing.

28. The assembly of claim 27, wherein the plurality of bubble generating devices are positioned outside the housing, with each air generator positioned between the housing and a corresponding bubble generating device.

29. A bubble generating assembly comprising:
a housing;
a container coupled to the housing and retaining bubble solution, the container having an interior;
at least two bubble generating devices;
means for delivering bubble solution from the container to the bubble generating devices; and
a trigger mechanism coupled to the plurality of bubble generating devices such that actuation of the trigger mechanism will cause the at least two bubble generating devices to experience simultaneous pivoting movement with respect to each other.

30. A bubble generating assembly comprising:
a housing;
a source of bubble solution;
a bubble generating device positioned outside the housing;
means for delivering bubble solution from the source of bubble solution to the bubble generating device; and
a dish attached to the housing and positioned outside the housing below the bubble generating device.